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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/705,445
	Filing Date	November 11, 2003
	First Named Inventor	Michael A. Heaton
	Art Unit	2882
	Examiner Name	Bruce, David Vernon
Total Number of Pages in This Submission	Attorney Docket Number	12078-202

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Burns & Levinson LLP (formerly Perkins Smith & Cohen LLP)		
Signature			
Printed name	Peter J. Borghetti		
Date	April 21, 2006	Reg. No.	42,345

CERTIFICATE OF TRANSMISSION/MAILING			
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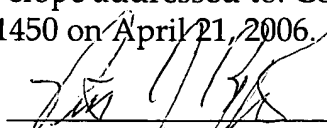
This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Peter J. Borghetti  
Reg. No. 42/345

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael A. Heaton et al.

Serial Number: 10/705,445

Filed: November 11, 2003

For: DETECTION METHODS AND SYSTEM USING SEQUENCED TECHNOLOGIES

Examiner: Bruce, David Vernon

Group Art Unit: 2882

Confirmation No.: 4593

BURNS & LEVINSON LLP  
Formerly Perkins Smith & Cohen LLP  
One Beacon Street  
Boston, MA 02108

TO: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 CFR 1.323

Sir:

In the matter of U.S. Patent No. 7,023,956 issued April 4, 2006, a check of the same against the files of the attorney of record indicates that two mistakes described in the attached Form PTO 44 were made by the Office.

More specifically, the following mistakes, corrected in Form PTO 44 were made by the Office and are of a clerical nature:

On the front page, under *Assignee*, "Lockheed Martin Corporaiton" should be read -Lockheed Martin Corporation--; and

Table 3 at the bottom of columns 19-20 and the top of columns 21-22, "role 10" should read -note 10- and the headings of the columns should be lined up properly. Table 3 should be replaced by the following corrected table:

## REMARKS

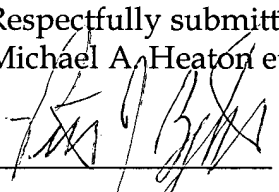
Under 35 U.S.C. 254, whenever a mistake in a patent, incurred through fault of the Patent and Trademark Office, is clearly disclosed by the records of the Office, the Director may issue a certificate of correction stating the fact and nature of such mistake, under seal, without charge.

In response to the Notice to Correct Application Papers on December 27, 2005, Table 3 (above) was submitted on January 26, 2006. Since this is clearly disclosed by the records filed with the Office, Applicant respectfully requests a Certificate of Correction.

We authorize the Commissioner to charge of any additional fees and credit any overpayment to our Deposit Account No. 03-2410 (Order No. 12078-202).

If there are any questions remaining please call: PETER J. BORGHETTI at (617) 854-4000.

Dated: April 21, 2006

Respectfully submitted,  
Michael A. Heaton et al., Applicants  
By:   
PETER J. BORGHETTI  
Reg. No. 42,345  
Attorney for Applicant

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(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO : 7,023,956

DATED : April 4, 2006

INVENTOR(S) : Heaton et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

On the front page, the Assignee should read "Lockheed Martin Corporation"; and

Table 3 at the bottom of columns 19 and 20 and the top of columns 21 and 22, "role 10" should read -- note 10-- and the headings should be lined up properly. Table 3 should be replaced by the following corrected table:

MAILING ADDRESS OF SENDER: Jacob N. Erlich  
Burns & Levinson, LLP  
One Beacon Street, 30<sup>th</sup> Floor  
Boston, MA 02108-3106

PATENT NO. 7,023,956

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[illegible]

Rank	Best	Weight										Factor	Weight
Score	10	9	8	Worst	7	6	5	4	3	2	1	Factor note 10	
Evaluation Criteria													
Prob. Of Detection, %	>99	99 - 98	98 - 97	97 - 95	95 - 90	90 - 85	85 - 80	80 - 75	75 - 70	<70		20	
Specificity (number of material parameters measured)	5 or more	4	3	2								14	
Prob. Of False Positive, %	<0.1	0.1 - 0.2	0.2 - 0.3	0.3 - 0.5	0.5 - 1	1 - 5	5 - 10	10 - 20	20 - 30	> 30		14	
Unit Cost, \$K	< 200	200 - 500	500 - 800	800 - 1000	1000 - 1200	1200 - 1500	1500 - 2000	2000 - 3000	3000 - 5000	>5000		13	
Annual Maintenance Cost, \$K	< 20	20 - 50	50 - 80	80 - 100	100 - 120	120 - 150	150 - 200	200 - 300	300 - 500	>500		2	
Annual Operational Support , Full Time Equivalent Staff	0	0.5	1	1.5	2	2.5	3	4	5	>5		2	
Availability to Market, months	Now	1 - 6	6 - 12	12 - 24	24-36							10	
Footprint, Sq.-Ft.	< 50	50 - 100	100-200	200 - 500	500 - 1000	1000 - 1500	1500 - 2000	2000 - 2500	2500 - 3000	>3000		6	
Total Weight, lb	< 500	500 - 1000	1000 - 1500	1500 - 2000	2000 - 5000	5000 - 10000	10000 - 15000	15000 - 20000	20000 - 25000	>25000		3	
Throughput (objects/min)	> 25	25 - 15	15 - 5	5 - 1								3	
Automation	Auto level 1 and 2	Auto level 1 and manual level 2	Auto level 1	Manual level 1								1	
Defeat Immunity	Can't be defeated	Defeatable by expert , indicates defeated	Defeatable easily and indicates defeated	Defeatable and does not indicate defeated.								10	